

Title (en)
Fuel tank made of ferritic stainless steel

Title (de)
Kraftstofftank aus ferritischem rostfreiem Stahl

Title (fr)
Réservoir à carburant en acier inoxydable ferritique

Publication
EP 1179608 B1 20121010 (EN)

Application
EP 01118755 A 20010807

Priority

- JP 2000238663 A 20000807
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- JP 2000335516 A 20001102
- JP 2001013254 A 20010122
- JP 2001108339 A 20010406
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Abstract (en)
[origin: EP1179608A2] The present invention provides: a fuel tank made of a ferritic stainless steel sheet having long lasting corrosion resistance under the environment of the fuel tank and excellent in formability when fabricating the fuel tank; more specifically, a fuel tank made of a ferritic stainless steel sheet containing 10 to 25 mass % of Cr and having an average r-value of 1.9 or larger, an r-value in-plane anisotropy #r of 1.0 or smaller, and a total elongation of 30% or larger, having a plane intensity ratio I(111)/I(100) of 10 or larger, and having lubricant films on the surfaces of the steel sheet and a surface friction coefficient of 0.10 or less.

IPC 8 full level
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CPC (source: EP US)
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Cited by
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